

retrieved, how fast user connections can receive information, which part of a document is being transmitted, and stored indicia indicating importance of the document.

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② 34. (Amended) The method of claim 31 in which bandwidth allocation is recalculated on an event driven basis.

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36. (Amended) A method of controlling communications by a process running on a processor connected to a network, comprising the step of:

③ a. providing an element for allocating communications bandwidth to a plurality of connections from said network to said processor based on at least one set of priorities; wherein said set of priorities includes at least one of: type of information being retrieved, how fast user connections can receive information, which part of a document is being transmitted, and stored indicia indicating importance of the document.

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38. (Amended) A computer program product, comprising:

④ a. a memory medium;

b. a computer program, stored on said memory medium, said computer program comprising instructions for allocating communications bandwidth provided by a server to a plurality of user connections based on at least one set of priorities; wherein said set of priorities includes at least one of: type of information being retrieved, how fast user connections can receive information, which part of a document is being transmitted, and stored indicia indicating importance of the document.